


Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 30698/CDT445	Serial No. <b>107566855</b>
<b>INFORMATION DISCLOSURE STATEMENT</b>		Applicant Towns et al.	
		Filing Date August 2, 2004	Group

U.S. PATENT DOCUMENTS							
*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate	
/MHW/	4,539,507	09/03/85	VanSlyke et al.	313	504		
↓	5,150,006	09/22/92	Van Slyke et al.	313	504		
	5,432,014	07/11/95	Sano et al.	428	690		
	5,621,131	04/15/97	Kreuder et al.	558	46		
	5,723,873	03/03/98	Yang	257	40		
	5,798,170	08/25/98	Zhang et al.	428	212		
	6,083,634	07/04/00	Shi	428	690		
	6,353,083 B1	03/05/02	Inbasekaran et al.	528	295		
	2002/0117662 A1	08/29/02	Nii	257	40		
	2002/0182441 A1	12/05/02	Lamansky et al.	428	690		
	2003/0086526 A1	05/08/03	Clark et al.	378	64		
	2003/0186080 A1	10/02/03	Kamatani et al.	428	690	08/30/02	
↓	2004/0138455 A1	07/15/04	Stossel et al.	546	2	02/21/02	
	6,953,628 B2	10/11/05	Kamatani et al.	428	690	11/30/01	

FOREIGN PATENT DOCUMENTS								
*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation		
						Yes	No	
/MHW/	707 020 B1	04/17/96	EP			Abstract only		
↓	842 208 B1	05/20/98	EP					
	901 176 B1	03/10/99	EP					
	947 123 B1	10/06/99	EP					
	1 245 659 A1	10/02/02	EP					
	2001-313179	11/09/01	Japan			Abstract only		
	2002-198177	07/12/02	Japan			Abstract only		
	2002-324679	11/08/02	Japan					x
	2002-356449	12/13/02	Japan			Abstract only		
	WO 90/13148	11/01/90	PCT					
	WO 98/10621	03/12/98	PCT					
	WO 98/57381	12/17/98	PCT					
	WO 99/21935	05/06/99	PCT					
↓	WO 99/48160	09/23/99	PCT					
	WO 00/48258	08/17/00	PCT					

/MHW/		WO 00/53656	09/14/00	PCT				
↓		WO 00/55927	09/21/00	PCT				
		WO 01/62869 A1	08/30/01	PCT				
		WO 02/031896 A2	04/18/02	PCT				
		WO 02/066552 A1	09/29/02	PCT				
		WO 02/44189 A1	06/06/02	PCT			Abstract only	
		WO 02/45466 A1	06/06/02	PCT			Abstract only	
		WO 02/068435 A1	09/06/02	PCT			Abstract only	
		WO 02/081448 A1	10/17/02	PCT			Abstract only	
		WO 02/084759 A1	10/24/02	PCT				
		WO 03/018653 A1	03/06/03	PCT			Abstract only	
↓		WO 03/022908 A1	03/20/03	PCT			Abstract only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	/MHW/	"Electroluminescence of Doped Organic Thin Films", Tang et al., J. Appl. Phys. 65(9), 1989, pp. 3610-3616
		"Electrically Conducting and Thermally Stable $\pi$ -Conjugated Poly(Arylene)s Prepared by Organometallic Processes", Yamamoto, Prog. Polym. Sci. Vol. 17, 1992, pp. 1153-1205
		"Optical Spectroscopy of Triplet Excitons and Charged Excitations in Poly( <i>p</i> -phenylenevinylene) Light-Emitting Diodes", Brown et al., Chemical Physics Letters, Vol. 210, No. 1,2,3, July 1993, pp. 61-66
		"Efficient Blue Polymer Light-Emitting Diodes from a Series of Soluble Poly(Paraphenylene)s", Yang et al., J. Appl. Phys. 79(2), 1996, pp. 934-939
		"Recent Developments in Molecular Organic Electroluminescent Materials", Chen et al., Macromol. Symp. 125, 1997, pp. 1-48
		"Low Molecular Weight and Polymeric Heterocyclics as Electron Transport/Hole-Blocking Materials in Organic Light-Emitting Diodes", Thelakkat, Polymers for Advanced Technologies, 9, 1998, pp. 429-442
		"Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices", Baldo et al., Nature, Vol. 395, 1998, pp. 151-154

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		Filing Date August 2, 2004	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
MHW	"Phosphorescent Materials for Application to Organic Light Emitting Devices", Baldo et al., Pure Appl. Chem., Vol. 71, No. 11, 1999, pp. 2095-2106
↓	"Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence", Applied Physics Letters, Vol. 75, No. 1, 1999, pp. 4-6
↓	"Narrow Bandwidth Luminescence from Blends with Energy Transfer from Semiconducting Conjugated Polymers to Europium Complexes", McGehee et al., Adv. Mater., Vol. 11, No. 16, 1999, pp. 1349-1354
↓	"Organic Materials for Electronic and Optoelectronic Devices", Shirota, J. Mater. Chem., Vol. 10, 2000, pp. 1-25
↓	"Bridging the Gap Between Polyfluorene and Ladder-Poly- <i>p</i> -phenylene: Synthesis and Characterization of Poly-2,8-indenofluorene", Setayesh et al., Macromolecules, Vol. 33, 2000, pp. 2016-2020
↓	"High-Efficiency Organic Electrophosphorescent Devices with Tris(2-phenylpyridine)iridium Doped into Electron-Transporting Materials", Adachi, et al., Applied Physics Letters, Vol. 77, No. 6, 2000, pp. 904-906
↓	"Polymer Phosphorescent Light-Emitting Devices Doped with Tris(2-phenylpyridine) iridium as a Triplet Emitter", Lee et al., Applied Physics Letters, Vol. 77, No. 15, 2000, pp. 2280-2282
↓	"Electrophosphorescent Organic Light Emitting Diodes", Thompson et al., Polymeric Materials Science and Engineering 83, 2000, pp. 202-203
↓	"Electrophosphorescence from a Doped Polymer Light Emitting Diode", O'Brien et al., Synthetic Metals Vol. 116, 2001, pp. 379-383
↓	"Origin of Electrophosphorescence from a Doped Polymer Light Emitting Diode", Lane et al., Physical Review B, Vol. 63, 2001, pp. 235206-1 - 235206-8
↓	"Formation Cross-Sections of Singlet and Triplet Excitons in $\pi$ -Conjugated Polymers", Wohlgenannt et al., Nature, Vol. 409, 2001, pp. 494-497
↓	"Photophysics Properties of Blue-Emitting Polymers", Wohlgenannt, et al., Synthetic Metals Vol. 125, 2002, pp. 55-63
↓	"Recent Progress of Molecular Organic Electroluminescent Materials and Devices", Hung et al., Materials Science and Engineering R 39, 2002, pp. 143-222
↓	"Thermal Annealing Below the Glass Transition Temperature: A General Way to Increase Performance of Light-Emitting Diodes Based on Copolyfluorenes", Niu et al., Applied Physics Letters, Vol. 81, No. 4, 2002, pp. 634-636
↓	"Singlet and Triplet Energy Transfer in Phosphorescent Dye Doped Polymer Light Emitting Devices", Noh et al., Mat. Res. Soc. Symp. Proc. Vol. 708, 2002, pp. 131-136

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Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 30698/CDT445	Serial No. <b>10/566855</b>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
/MHW/		"Energy Transfer and Device Performance in Phosphorescent Dye Doped Polymer Light Emitting Diodes", Noh et al., Journal of Chemical Physics, Vol. 118, No. 6, 2003, pp. 2853-2864
/MHW/		"Triplet Exciton Confinement in Phosphorescent Polymer Light-Emitting Diodes", Chen et al., Applied Physics Letters, Vol. 82, No. 7, 2003, pp. 1006-1008

Examiner	/Michael H. Wilson/	Date Considered	02/04/2011
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			